

2007-12 Comprehensive Industry Certification List with Employment Data

| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|--|---|------------------|---|-----|---------|---------|-------------------------|---------------------------|
| AAEX001 | Certified Firefighter (C.F.) | American Association of Airport Executives | 33-2011 | Fire Fighters | Yes | \$24.36 | \$14.83 | 1,166 | 2.25 |
| AAEX002 | Certified Master Firefighter (C.M.F.) | American Association of Airport Executives | 33-2011 | Fire Fighters | Yes | \$24.36 | \$14.83 | 1,166 | 2.25 |
| ACARI001 | Residential Air Conditioning and Heating Certification (ARI) | Air Conditioning and Refrigeration Institute | 49-9021 | Heating, A.C., and Refrigeration Mechanics and Installers | Yes | \$19.20 | \$13.19 | 1,227 | 3.95 |
| ACFAT001 | Accredited Business Accountant/Accredited Business Advisor (ABA) | Accreditation Council for Accountancy & Taxation | 13-2011 | Accountants and Auditors | | \$31.06 | \$18.93 | 3,296 | 2.42 |
| ACFED003 | Certified Executive Pastry Chef (CEPC) | American Culinary Federation | 35-1011 | Chefs and Head Cooks | | \$23.36 | \$14.94 | 90 | 0.38 |
| ACFEX001 | Certified Fraud Examiner (CFE) | Association of Certified Fraud Examiners | 13-2099 | Financial Specialists, All Other | | \$28.47 | \$18.28 | 328 | 1.23 |
| ACOPC003 | Certified Professional Coder - Hospital (CPC-H) | American Academy of Professional Coders (AAPC) | 29-2071 | Medical Records and Health Information Technicians | Yes | \$16.57 | \$10.81 | 439 | 2.13 |
| ACOSM001 | Certified Survey Technician (CST) | American Congress on Surveying and Mapping - National Society of Professional Surveyors | 17-3031 | Surveying and Mapping Technicians | Yes | \$18.40 | \$12.32 | 359 | 3.31 |
| ACSMD002 | Certified Personal Trainer | American College of Sports Medicine | 39-9031 | Fitness Trainers and Aerobics Instructors | | \$15.35 | \$8.14 | 612 | 3.37 |
| ADESK002 | Autodesk Certified User - AutoCAD | Autodesk | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| ADESK011 | Autodesk Certified User - Autodesk Inventor | Autodesk | 27-1021 | Commercial and Industrial Designers | | \$27.80 | \$17.75 | 26 | 1.83 |
| ADESK016 | Autodesk Certified Associate - AutoCAD | Autodesk | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| ADESK017 | Autodesk Certified Associate - AutoCAD Architecture | Autodesk | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| ADESK018 | Autodesk Certified Associate - AutoCAD Civil 3D | Autodesk | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| ADESK019 | Autodesk Certified Associate - Inventor | Autodesk | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| ADESK020 | Autodesk Certified Associate -Revit Architecture | Autodesk | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| ADESK021 | Autodesk Certified Professional - AutoCAD | Autodesk | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| ADESK022 | Autodesk Certified Professional - AutoCAD Architecture | Autodesk | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| ADESK023 | Autodesk Certified Professional - AutoCAD Civil 3D | Autodesk | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| ADESK024 | Autodesk Certified Professional - Inventor | Autodesk | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| ADESK025 | Autodesk Certified Professional - Revit Architecture | Autodesk | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| ADESK026 | Autodesk 3dsMax Design Certified Associate | Autodesk | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| ADOBE002 | Adobe Certified Expert (Adobe After Effects) | Adobe Systems | 27-1014 | Multi-Media Artists and Animators | | \$26.63 | \$18.58 | 71 | 1.80 |
| ADOBE003 | Adobe Certified Expert (Illustrator) | Adobe Systems | 27-1024 | Graphic Designers | Yes | \$20.89 | \$13.73 | 746 | 1.84 |
| ADOBE004 | Adobe Certified Expert (InDesign) | Adobe Systems | 27-1024 | Graphic Designers | Yes | \$20.89 | \$13.73 | 746 | 1.84 |
| ADOBE005 | Adobe Certified Expert (Photoshop) | Adobe Systems | 27-1024 | Graphic Designers | Yes | \$20.89 | \$13.73 | 746 | 1.84 |
| ADOBE007 | Adobe Certified Expert (Adobe Premiere Pro) | Adobe Systems | 27-1014 | Multi-Media Artists and Animators | | \$26.63 | \$18.58 | 71 | 1.80 |
| ADOBE010 | Adobe Certified Associate (Dreamweaver) | Adobe Systems | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| ADOBE011 | Adobe Certified Associate (Flash) | Adobe Systems | 27-1024 | Graphic Designers | Yes | \$20.89 | \$13.73 | 746 | 1.84 |
| ADOBE012 | Adobe Certified Associate (Photoshop) | Adobe Systems | 27-1024 | Graphic Designers | Yes | \$20.89 | \$13.73 | 746 | 1.84 |
| ADOBE013 | Adobe Certified Expert (Adobe Acrobat) | Adobe Systems | 27-1014 | Multi-Media Artists and Animators | | \$26.63 | \$18.58 | 71 | 1.80 |
| ADOBE015 | Adobe Macromedia Flash MX Designer (This certification is no longer available) | Adobe Systems | 27-1024 | Graphic Designers | Yes | \$20.89 | \$13.73 | 746 | 1.84 |
| ADOBE016 | Adobe Macromedia Cold Fusion MX7 | Adobe Systems | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| ADOBE017 | Adobe Dreamweaver Developer (This certification is no longer available) | Adobe Systems | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| ADOBE018 | Adobe Certified Associate-(Premiere Pro) | Certiport | 27-1014 | Multi-media Artists and Animators | | \$26.63 | \$18.58 | 71 | 1.80 |

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|----------|---|--|------------------|---|-----|---------|---------|-------------------------|---------------------------|
| AFENG001 | Certified Plant Supervisor (CPS) | Associates for Facilities Engineering | 51-1011 | First-Line Superv. of Production and Operating Workers | Yes | \$26.93 | \$17.59 | 363 | 0.59 |
| AFHDI001 | Certified Medical Transcriptionist | The Association for Healthcare Documentation Integrity (AHDII) | 31-9094 | Medical Transcriptionists | Yes | \$14.89 | \$11.25 | 150 | 1.73 |
| AHIMA001 | Certified Coding Associate (CCA) | American Health Information Management Association | 29-2071 | Medical Records and Health Information Technicians | Yes | \$16.57 | \$10.81 | 439 | 2.13 |
| AHIMA002 | Certified Coding Specialist (CCS) | American Health Information Management Association | 29-2071 | Medical Records and Health Information Technicians | Yes | \$16.57 | \$10.81 | 439 | 2.13 |
| AHIMA003 | Certified Coding Specialist-Physician-based (CCS-P) | American Health Information Management Association | 29-2071 | Medical Records and Health Information Technicians | Yes | \$16.57 | \$10.81 | 439 | 2.13 |
| AHIMA009 | Registered Health Information Technician (RHIT) | American Health Information Management Association | 29-2071 | Medical Records and Health Information Technicians | Yes | \$16.57 | \$10.81 | 439 | 2.13 |
| AHLAE010 | Certified Front Desk Supervisor | American Hotel & Lodging Education Institute | 43-1011 | First-Line Supervisor/Managers of Office and Administrative Support Workers | Yes | \$23.14 | \$14.95 | 3,181 | 1.85 |
| AIOPB001 | Certified Bookkeeper | American Institute of Professional Bookkeepers | 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | Yes | \$16.18 | \$11.44 | 3,261 | 1.67 |
| AMAMA001 | Certified Medical Assistant (CMA) | American Association of Medical Assistants (AAMA) | 31-9092 | Medical Assistants | Yes | \$14.12 | \$11.05 | 1,524 | 3.16 |
| AMA0B001 | Medical Laboratory Technician (MLT) | American Association of Bioanalysts (AAB) | 29-2012 | Medical and Clinical Laboratory Technicians | Yes | \$17.39 | \$11.21 | 292 | 2.07 |
| AMA0B002 | Medical Technologist (MT(AAB)) | American Association of Bioanalysts (AAB) | 29-2011 | Medical and Clinical Laboratory Technologists | | \$26.92 | \$21.58 | 298 | 0.97 |
| AMCII001 | Concrete Flatwork Finisher/Technician (ACI Craftsman Certification Program) | American Concrete Institute International (ACI) | 47-2051 | Cement Masons and Concrete Finishers | Yes | \$15.49 | \$11.16 | 464 | 3.76 |
| AMCII002 | Concrete Strength Testing Technician (CSTT) | American Concrete Institute International | 51-9061 | Inspectors, Testers, Sorters, Samplers, and Weighers | | \$15.82 | \$9.71 | 264 | 0.84 |
| AMCOA001 | Certified Corrections Officer (CCO) | American Correctional Association | 33-3012 | Correctional Officers and Jailers | Yes | \$19.34 | \$15.33 | 781 | 0.08 |
| AMCOA002 | Certified Corrections Officer/Provisional (CCO/P) | American Correctional Association | 33-3012 | Correctional Officers and Jailers | Yes | \$19.34 | \$15.33 | 781 | 0.08 |
| AMDDA001 | ADDA Apprentice Drafter Certification | American Design Drafting Association | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| AMDDA002 | Certified Apprentice Drafter- Architectural | American Design Drafting Association | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| AMDDA003 | Certified Drafter- Architectural | American Design Drafting Association | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| AMDDA004 | Certified Drafter- Mechanical | American Design Drafting Association | 17-3013 | Mechanical Drafters | No | \$24.35 | \$16.81 | 39 | 0.85 |
| AMDDA005 | Certified Apprentice Drafter- Mechanical | American Design Drafting Association | 17-3013 | Mechanical Drafters | No | \$24.35 | \$16.81 | 39 | 0.85 |
| AMEDT001 | Certified Medical Administrative Specialist | American Medical Technologists (AMT) | 43-6013 | Medical Secretaries | Yes | \$13.90 | \$10.98 | 711 | 2.37 |
| AMEDT004 | Registered Medical Assistant (RMA) | American Medical Technologists (AMT) | 31-9092 | Medical Assistants | Yes | \$14.12 | \$11.05 | 1,524 | 3.16 |
| AMEDT005 | Registered Phlebotomy Technician (RPT) | American Medical Technologists | 31-9099 | Healthcare Support Workers, All Other | | \$14.20 | \$10.45 | 236 | 1.74 |
| AMPTA001 | Physical Therapists Assistant (PTA) | American Physical Therapists Association (APTA) | 29-1123 | Physical Therapists | | \$39.83 | \$28.58 | 517 | 3.00 |
| AMRRT005 | Registered Technologist - Quality Management (RT) | American Registry of Radiologic Technologists | 29-2034 | Radiologic Technologists and Technicians | Yes | \$25.27 | \$19.19 | 427 | 1.66 |
| AMSCP002 | Medical Laboratory Technician (MLT(ASCP)) | American Society of Clinical Pathologists | 29-2012 | Medical and Clinical Laboratory Technicians | Yes | \$17.39 | \$11.21 | 292 | 2.07 |
| AMSFQ001 | Manager of Quality/Organizational Excellence | American Society for Quality | 13-1111 | Management Analysts | | \$36.22 | \$19.13 | 1,649 | 1.67 |
| AMSFQ002 | Biomedical Auditor Certification (CBA) | American Society for Quality (ASQ) | 17-2031 | Biomedical Engineers | | \$37.81 | \$24.59 | 49 | 8.13 |

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| AMSFQ003 | Calibration Technician - CCT | American Society for Quality (ASQ) | 49-2094 | Electronics Repairers, Commercial and Industrial Equip. | Yes | \$22.42 | \$14.19 | 174 | 1.70 |
| AMSFQ004 | HACCP Auditor - CHA | American Society for Quality (ASQ) | 29-9011 | Occupational Health and Safety Specialists | | \$30.81 | \$20.63 | 76 | 1.03 |
| AMSFQ005 | Quality Engineer -CQE | American Society for Quality (ASQ) | 17-2112 | Industrial Engineers | | \$33.27 | \$20.64 | 467 | 2.49 |
| AMSFQ006 | Quality Improvement Associate - CQIA | American Society for Quality (ASQ) | 17-3026 | Industrial Engineering Technicians | | \$21.90 | \$14.96 | 89 | 1.93 |
| AMSFQ007 | Quality Inspector - CQI | American Society for Quality (ASQ) | 51-9061 | Inspectors, Testers, Sorters, Samplers, and Weighers | | \$15.82 | \$9.71 | 264 | 0.84 |
| AMSFQ008 | Quality Process Analyst - CQPA | American Society for Quality (ASQ) | 17-3026 | Industrial Engineering Technicians | | \$21.90 | \$14.96 | 89 | 1.93 |
| AMSFQ009 | Quality Technician - CQT | American Society for Quality (ASQ) | 17-3029 | Engineering Technicians, Except Drafters, All Other | | \$26.89 | \$17.02 | 77 | 1.08 |
| AMSFQ010 | Reliability Engineer - CRE | American Society for Quality (ASQ) | 17-2112 | Industrial Engineers | | \$33.27 | \$20.64 | 467 | 2.49 |
| AMSFQ011 | Six Sigma Black Belt - CSSBB | American Society for Quality (ASQ) | 13-1111 | Management Analysts | | \$36.22 | \$19.13 | 1,649 | 1.67 |
| AMSFQ012 | Six Sigma Green Belt - CSSGB | American Society for Quality (ASQ) | 13-1111 | Management Analysts | | \$36.22 | \$19.13 | 1,649 | 1.67 |
| AMSFQ013 | Software Quality Engineer - CSQE | American Society for Quality (ASQ) | 15-1032 | Computer Software Engineers, Systems Software | | \$42.63 | \$28.69 | 385 | 2.54 |
| AMSP001 | Certified Professional Estimator (CPE) | American Society of Professional Estimators | 13-1051 | Cost Estimators | Yes | \$27.88 | \$17.75 | 684 | 4.47 |
| AMSPT002 | Certified Phlebotomy Technician | American Society of Phlebotomy Technicians | 31-9099 | Healthcare Support Workers, All Other | | \$14.20 | \$10.45 | 236 | 1.74 |
| AMSTL003 | Global Logistics Associate | American Society of Transportation & Logistics | 43-5061 | Production, Planning, and Expediting Clerks | | \$19.51 | \$13.06 | 333 | 0.96 |
| AMSTL004 | Professional Designation in Supply Chain Management | American Society of Transportation & Logistics | 43-5061 | Production, Planning, and Expediting Clerks | | \$19.51 | \$13.06 | 333 | 0.96 |
| ANICT001 | Certified Veterinary Assistant (CVA) | Animal Care Technologies | 31-9096 | Veterinary Assistants and Laboratory Animal Caretakers | | \$10.56 | \$8.42 | 166 | 2.87 |
| APIBM001 | Certified Business Manager (CBM) | Association of Professionals in Business Management | 11-1021 | General and Operations Managers | Yes | \$49.96 | \$24.91 | 1,956 | 0.72 |
| APPLE002 | Apple Certified Technical Coordinator (ACTC) | Apple Computer , Inc | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| APPLE004 | Apple Certified Desktop Technician (ACDT) | Apple Computer , Inc | 49-2011 | Computer, ATM, and Office Machine Repairers | | \$18.08 | \$11.72 | 187 | 0.51 |
| APPLE005 | Apple Certified Help Desk Specialist (ACHDS) | Apple Computer , Inc | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| APPLE006 | Apple Certified Portable Technician (ACPT) | Apple Computer , Inc | 49-2011 | Computer, ATM, and Office Machine Repairers | | \$18.08 | \$11.72 | 187 | 0.51 |
| APPLE007 | Apple Certified Pro (ACP) Aperture | Apple Computer , Inc | 27-1024 | Graphic Designers | Yes | \$20.89 | \$13.73 | 746 | 1.84 |
| APPLE008 | Apple Certified Pro (ACP) DVD Studio Pro | Apple Computer , Inc | 27-4032 | Film and Video Editors | | \$19.34 | \$12.97 | 52 | 1.84 |
| APPLE009 | Apple Certified Pro (ACP) Final Cut Pro | Apple Computer , Inc | 27-4032 | Film and Video Editors | | \$19.34 | \$12.97 | 52 | 1.84 |
| APPLE010 | Apple Certified Pro (ACP) Logic Pro | Apple Computer , Inc | 27-4032 | Film and Video Editors | | \$19.34 | \$12.97 | 52 | 1.84 |
| APPLE011 | Apple Certified Pro (ACP) Motion | Apple Computer , Inc | 27-1014 | Multi-Media Artists and Animators | | \$26.63 | \$18.58 | 71 | 1.80 |
| APPLE012 | Apple Certified Pro (ACP) Soundtrack Pro | Apple Computer , Inc | 27-4014 | Sound Engineering Technicians | | \$20.68 | \$12.59 | 42 | 1.69 |
| APPLE013 | Apple Certified System Administrator (ACSA) | Apple Computer , Inc | 15-1071 | Network and Computer Systems Administrators | Yes | \$34.32 | \$22.45 | 546 | 2.16 |
| APPLE014 | Apple Certified Pro (ACP) Color | Apple Computer , Inc | 27-1024 | Graphic Designers | Yes | \$20.89 | \$13.73 | 746 | 1.84 |
| APPLE015 | Apple iLife | Apple Authorized Training Centers | 27-4032 | Film and Video Editors | | \$19.34 | \$12.97 | 52 | 1.84 |

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| APPLE016 | Apple Certified Pro (ACP) - Final Cut Pro X | Apple Computer , Inc | 27-4032 | Film and Video Editors | No | \$19.34 | \$12.97 | 52 | 1.84 |
| APSOC001 | Certified Purchasing Professional (CPP) | American Purchasing Society | 13-1023 | Purchasing Agents, Except Farm Products & Trade | Yes | \$26.87 | \$17.52 | 630 | 2.20 |
| ARDMS001 | Registered Diagnostic Cardiac Sonographer (RDCS) | American Registry of Diagnostic Medical Sonographers (ARDMS) | 29-2032 | Diagnostic Medical Sonographers | Yes | \$27.88 | \$21.77 | 154 | 1.82 |
| ARDMS002 | Registered Diagnostic Medical Sonographer (RDMS) | American Registry of Diagnostic Medical Sonographers | 29-2032 | Diagnostic Medical Sonographers | Yes | \$27.88 | \$21.77 | 154 | 1.82 |
| ASATT001 | Anesthesia Technician | American Society of Anesthesia Technologists & Technicians | 29-2055 | Surgical Technologists | Yes | \$18.12 | \$14.55 | 304 | 2.56 |
| ASFMA001 | Accredited Rural Appraiser (ARA) | Am. Society of Farm Managers and Rural Appraisers | 13-2021 | Appraisers and Assessors of Real Estate | | \$24.37 | \$13.78 | 158 | 0.78 |
| ASINS001 | Professional Certified Investigator | American Society for Industrial Security | 33-9021 | Private Detectives and Investigators | Yes | \$23.43 | \$15.44 | 193 | 2.83 |
| ASNDT002 | NDT Certificate Electro-magnetic Testing (ET) - Level III | The American Society for Non-Destructive Testing (ASNT) | 19-4099 | Life, Physical, and Social Science Technicians, All Other | | \$19.22 | \$11.44 | 172 | 1.62 |
| ASNDT003 | NDT Certificate Liquid Penetrant (PT) - Level II | The American Society for Non-Destructive Testing (ASNT) | 17-3029 | Engineering Technicians, Except Drafters, All Other | | \$26.89 | \$17.02 | 77 | 1.08 |
| ASNDT004 | NDT Certificate Liquid Penetrant (PT) - Level III | The American Society for Non-Destructive Testing (ASNT) | 17-2131 | Materials Engineers | | \$38.80 | \$23.01 | 18 | 2.53 |
| ASNDT005 | NDT Certificate Magnetic Particle Testing (MT) - Level II | The American Society for Non-Destructive Testing (ASNT) | 17-3029 | Engineering Technicians, Except Drafters, All Other | | \$26.89 | \$17.02 | 77 | 1.08 |
| ASNDT006 | NDT Certificate Magnetic Particle Testing (MT) - Level III | The American Society for Non-Destructive Testing (ASNT) | 17-2131 | Materials Engineers | | \$38.80 | \$23.01 | 18 | 2.53 |
| ASNDT007 | NDT Certificate Radiographic Testing (RT) - Level II | The American Society for Non-Destructive Testing (ASNT) | 17-3029 | Engineering Technicians, Except Drafters, All Other | | \$26.89 | \$17.02 | 77 | 1.08 |
| ASNDT008 | NDT Certificate Radiographic Testing (RT) - Level III | The American Society for Non-Destructive Testing (ASNT) | 17-2131 | Materials Engineers | | \$38.80 | \$23.01 | 18 | 2.53 |
| ASNDT009 | NDT Certificate Ultrasonic Testing (UT) - Level II | The American Society for Non-Destructive Testing (ASNT) | 17-3029 | Engineering Technicians, Except Drafters, All Other | | \$26.89 | \$17.02 | 77 | 1.08 |
| ASNDT010 | NDT Certificate Ultrasonic Testing (UT) - Level III | The American Society for Non-Destructive Testing (ASNT) | 17-2131 | Materials Engineers | | \$38.80 | \$23.01 | 18 | 2.53 |
| ASNDT011 | NDT Certificate Visual Testing (VT) - Level II | The American Society for Non-Destructive Testing (ASNT) | 17-3029 | Engineering Technicians, Except Drafters, All Other | | \$26.89 | \$17.02 | 77 | 1.08 |
| ASNDT012 | NDT Certificate Visual Testing (VT) - Level III | The American Society for Non-Destructive Testing (ASNT) | 17-2131 | Materials Engineers | | \$38.80 | \$23.01 | 18 | 2.53 |
| AVIDT001 | Avid Media Composer Certified User | AVID | 27-4032 | Film and Video Editors | | \$19.34 | \$12.97 | 52 | 1.84 |
| AWELD001 | Certified Welder | American Welding Society | 51-4121 | Welders, Cutters, Solderers, and Brazers | Yes | \$17.55 | \$12.40 | 470 | 1.49 |
| BAICC001 | Loan Review Certificate Program (LRC) | Bank Administration Institute (BAI) Center for Certification | 43-4131 | Loan Interviewers and Clerks | Yes | \$16.99 | \$12.52 | 527 | 1.25 |
| BOAMI001 | Facilities Management Certificate (FMC) | BOMI International (Building Owners and Managers Institute) | 11-9141 | Property, Real Estate & Community Association Managers | Yes | \$29.61 | \$16.54 | 596 | 1.33 |
| CARCH001 | Chief Architect User Certification | Chief Architect, Inc | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| CARCH002 | Chief Architect Certified Apprentice | Chief Architect, Inc | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| CCHES001 | Occupational Health and Safety Technologist (OHST) | Council on Certification of Health, Environmental and Safety Technologists | 29-9012 | Occupational Health and Safety Technicians | | \$20.47 | \$15.35 | 13 | 1.84 |
| CCHES002 | Safety Trained Supervisor in Construction (STS Construction) | Council on Certification of Health, Environmental and Safety Technologists | 47-1011 | First-Line Superv. of Construction and Extraction Workers | Yes | \$28.42 | \$18.62 | 2,071 | 3.07 |
| CCIAC001 | Certified Operations Manager | Call Center Industry Advisory Council (CIAC) | 11-1021 | General and Operations Managers | Yes | \$49.96 | \$24.91 | 1,956 | 0.72 |

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|----------|--|---|------------------|--|-----|---------|---------|-------------------------|---------------------------|
| CCINS001 | Certified Nurse in the Operating Room (CNOR) Certification | Competency and Credentialing Institute (CCI) | 29-1111 | Registered Nurses | Yes | \$30.83 | \$22.99 | 6,294 | 2.36 |
| CCINS002 | Certified Registered Nurse First Assistant (CRNFA) | Competency and Credentialing Institute (CCI) | 29-1111 | Registered Nurses | Yes | \$30.83 | \$22.99 | 6,294 | 2.36 |
| CCINT001 | Certified Cardiographic Technician (CCT) | Cardiovascular Credentialing International | 29-2031 | Cardiovascular Technologists and Technicians | Yes | \$20.51 | \$11.93 | 186 | 2.25 |
| CCINT002 | Registered Cardiac Sonographer (RCS) | Cardiovascular Credentialing International | 29-2032 | Diagnostic Medical Sonographers | Yes | \$27.88 | \$21.77 | 154 | 1.82 |
| CERHB001 | Biotechnician Assistant | Center for Excellence for Regenerative Health at Univ. of Florida | 19-4021 | Biological Technician | | \$17.77 | \$12.39 | 97 | 1.43 |
| CFPBS001 | Certified Financial Planner (CFP) | Certified Financial Planner Board of Standards, Inc. | 13-2052 | Personal Financial Advisors | | \$33.33 | \$16.08 | 739 | 2.99 |
| CISCO001 | Cisco Certified Design Associate (CCDA®) | Cisco Systems, Inc. | 15-1071 | Network and Computer Systems Administrators | Yes | \$34.32 | \$22.45 | 546 | 2.16 |
| CISCO002 | Cisco Certified Design Professional (CCDP) | Cisco Systems, Inc. | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| CISCO003 | Cisco Certified Entry Network Technician (CCENT) | Cisco Systems, Inc. | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| CISCO004 | Cisco Certified Network Associate (CCNA) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO005 | Cisco Certified Network Professional (CCNP) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO006 | Cisco Certified Security Professional (CCSP®) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO007 | Cisco Certified Voice Professional (CCVP®) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO009 | Cisco Certified Architect | Cisco Systems, Inc. | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| CISCO010 | Cisco Certified Design Expert (CCDE) | Cisco Systems, Inc. | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| CISCO011 | Cisco Certified Network Associate Security (CCNA® Security) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO012 | Cisco Certified Network Associate Voice (CCNA® Voice) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO013 | Cisco Certified Network Associate Wireless (CCNA® Wireless) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO014 | Cisco Certified Internetwork Professional (CCIP®) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO017 | Cisco Certified Network Professional Wireless (CCNP® Wireless) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO018 | Cisco Certified Internetwork Expert Routing and Switching(CCIE® Routing & Switching) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO019 | Cisco Certified Internetwork Expert Security (CCIE Security) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO020 | Cisco Certified Internetwork Expert Service Provider (CCIE Service Provider) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO021 | Cisco Certified Internetwork Expert Storage Networking (CCIE Storage Networking) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO022 | Cisco Certified Internetwork Expert Voice (CCIE Voice) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CISCO023 | Cisco Certified Internetwork Expert Wireless (CCIE Wireless) | Cisco Systems, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| CMAOA001 | Certified Construction Manager (CCM) | Construction Management Association of America | 11-9021 | Construction Managers | Yes | \$48.01 | \$28.20 | 943 | 2.66 |

2007-12 Comprehensive Industry Certification List with Employment Data

| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|-----------|---|---|------------------|---|-----|---------|---------|-------------------------|---------------------------|
| CNCISI001 | Mastercam Certified Programmer Mill Level 1 (CPgM1) | Mastercam | 51-4011 | Computer-Controlled Machine Tool Operators, M & P | | \$16.51 | \$11.90 | 101 | 2.39 |
| CNCISI002 | Mastercam Associate Certification - Mill Design and Toolpaths | CNC Software, Inc | 51-4012 | Numerical Tool and Process Control Programmers | No | \$21.29 | \$14.86 | 4 | -0.13 |
| COMPT001 | CompTIA A+ certification | Computing Technology Industry Association (CompTIA) | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| COMPT002 | CompTIA CDIA+ Certification | Computing Technology Industry Association (CompTIA) | 15-1032 | Computer Software Engineers, Systems Software | | \$42.63 | \$28.69 | 385 | 2.54 |
| COMPT003 | CompTIA Convergence+ | Computing Technology Industry Association (CompTIA) | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| COMPT004 | CEA-CompTIA Digital Home Technology Integrator (DHTI+) (DOE TITLE IS CompTIA DHTI+) | Computing Technology Industry Association (CompTIA) | 17-3023 | Electrical and Electronic Engineering Technicians | | \$25.49 | \$16.98 | 181 | 0.17 |
| COMPT005 | CompTIA Linux+ | Computing Technology Industry Association (CompTIA) | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| COMPT006 | CompTIA Network+ Certification | Computing Technology Industry Association (CompTIA) | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| COMPT007 | CompTIA Project+ | Computing Technology Industry Association (CompTIA) | 15-1051 | Computer Systems Analysts | Yes | \$34.90 | \$23.24 | 945 | 2.12 |
| COMPT008 | CompTIA Security + | Computing Technology Industry Association (CompTIA) | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| COMPT009 | CompTIA Server+ Certification | Computing Technology Industry Association (CompTIA) | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| COMPT011 | CompTIA CTT+ | Computing Technology Industry Association (CompTIA) | 25-1021 | Computer Science Teachers, Postsecondary | | \$51.02 | \$23.13 | 75 | 1.71 |
| COMPT012 | CompTIA PDI+ | Computing Technology Industry Association (CompTIA) | 49-2011 | Computer, ATM, and Office Machine Repairers | | \$18.08 | \$11.72 | 187 | 0.51 |
| COMPT013 | CompTIA RFID+ | Computing Technology Industry Association (CompTIA) | 49-2094 | Electronics Repairers, Commercial and Industrial Equip. | Yes | \$22.42 | \$14.19 | 174 | 1.70 |
| CPREC001 | Child Development Associate (CDA) | Council for Professional Recognition | 25-2011 | Preschool Teachers, Except Special Education | | \$12.47 | \$8.61 | 1,103 | 2.40 |
| CSADA001 | Operator Certification | Concrete Sawing and Drilling Association | 47-2051 | Cement Masons and Concrete Finishers | Yes | \$15.49 | \$11.16 | 464 | 3.76 |
| CTECH006 | Broadband Professional Certification | C-Tech Associates, Inc | 49-9052 | Telecommunications Line Installers and Repairers | No | \$22.31 | \$14.73 | 134 | -0.55 |
| CUNAT001 | Certified Human Resource Specialist (CHRS) | Credit Union National Association | 13-1079 | Human Resources, Training, & Labor Relations Specialists, All Other | | \$27.90 | \$17.68 | 575 | 2.43 |
| CUNAT002 | Certified Lending Specialist (CLS) | Credit Union National Association | 13-2072 | Loan Officers | Yes | \$28.22 | \$16.52 | 610 | 1.39 |
| CWNP001 | Certified Wireless Network Administrator (CWNA) | CWNP (Wireless Network Training) | 15-1071 | Network and Computer Systems Administrators | Yes | \$34.32 | \$22.45 | 546 | 2.16 |
| DANBD001 | Certified Dental Assistant (CDA) | Dental Assisting National Board, Inc. (DANB) | 31-9091 | Dental Assistants | Yes | \$16.17 | \$12.11 | 844 | 3.72 |
| DIGIT001 | GIS Technician (Entry) | DigitalQuest Inc. | 17-3031 | Surveying and Mapping Technicians | Yes | \$18.40 | \$12.32 | 359 | 3.31 |
| ENGES001 | S.P.A.C.E. Geospatial Certification | EIGS (Enterprise for Innovative Geospatial Solutions) | 15-1099 | Computer Specialists, All Other | No | \$31.23 | \$17.45 | 172 | 1.42 |
| ETAIN006 | Avionics Electronics Technician | Electronics Technician Association | 49-2091 | Avionics Technicians | | \$23.68 | \$16.71 | 34 | 1.17 |
| ETAIN007 | Radar Electronics Technician (RAD) | Electronics Technician Association | 17-3023 | Electrical and Electronic Engineering Technicians | | \$25.49 | \$16.98 | 181 | 0.17 |
| FDMQA001 | Basic X-ray Machine Operator | Fl Dept. of Health/Division of Medical Quality Assurance | 29-2034 | Radiologic Technologists and Technicians | Yes | \$25.27 | \$19.19 | 427 | 1.66 |
| FDMQA002 | Certified Nursing Assistant | Florida Department of Health, Division of Medical Quality Assurance | 31-1012 | Nursing Aides, Orderlies, and Attendants | | \$11.58 | \$9.66 | 2,766 | 2.08 |

2007-12 Comprehensive Industry Certification List with Employment Data

| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|---|--|------------------|---|-----|---------|---------|-------------------------|---------------------------|
| FDMQA017 | Licensed Practical Nurse | Florida Department of Health, Division of Medical Quality Assurance | 29-2061 | Licensed Practical and Licensed Vocational Nurses | Yes | \$19.68 | \$16.16 | 2,481 | 2.33 |
| FEDAA002 | FAA A & P General Exam (Aviation Mechanic General, A&P) | Federal Aviation Administration | 49-3011 | Aircraft Mechanics and Service Technicians | | \$22.56 | \$14.45 | 163 | 0.19 |
| FEDAA004 | FAA Airframe Mechanic | Federal Aviation Administration | 49-3011 | Aircraft Mechanics and Service Technicians | | \$22.56 | \$14.45 | 163 | 0.19 |
| FEDAA005 | FAA Certified Flight Instructor | Federal Aviation Administration | 53-2012 | Commercial Pilots | Yes | \$44.77 | \$20.44 | 182 | 1.91 |
| FEDAA006 | FAA Commercial Pilot | Federal Aviation Administration | 53-2012 | Commercial Pilots | Yes | \$44.77 | \$20.44 | 182 | 1.91 |
| FEDAA007 | FAA Instrument Pilot | Federal Aviation Administration | 53-2012 | Commercial Pilots | Yes | \$44.77 | \$20.44 | 182 | 1.91 |
| FEDAA008 | FAA Multi-Engine Pilot | Federal Aviation Administration | 53-2012 | Commercial Pilots | Yes | \$44.77 | \$20.44 | 182 | 1.91 |
| FEDAA010 | FAA Powerplant Mechanic | Federal Aviation Administration | 49-3011 | Aircraft Mechanics and Service Technicians | | \$22.56 | \$14.45 | 163 | 0.19 |
| FEDAA011 | FAA Private Pilot | Federal Aviation Administration | 53-2012 | Commercial Pilots | Yes | \$44.77 | \$20.44 | 182 | 1.91 |
| FEDAA012 | FAA Airline Transport Pilot (ATP) | Federal Aviation Administration | 53-2011 | Airline Pilots, Copilots, and Flight Engineers | | \$77.45 | \$44.85 | 89 | -0.38 |
| FEDAA013 | FAA Ground School | Federal Aviation Administration | 53-2012 | Commercial Pilots | Yes | \$44.77 | \$20.44 | 182 | 1.91 |
| FEDAA014 | FAA Advanced Ground Instructor | Federal Aviation Administration | 53-2012 | Commercial Pilots | Yes | \$44.77 | \$20.44 | 182 | 1.91 |
| FEDAA015 | FAA Basic Ground Instructor | Federal Aviation Administration | 53-2012 | Commercial Pilots | Yes | \$44.77 | \$20.44 | 182 | 1.91 |
| FEDAA016 | FAA Certified Flight Instructor - Instrument | Federal Aviation Administration | 53-2012 | Commercial Pilots | Yes | \$44.77 | \$20.44 | 182 | 1.91 |
| FEDAA017 | FAA Certified Multi-Engine Instructor | Federal Aviation Administration | 53-2012 | Commercial Pilots | Yes | \$44.77 | \$20.44 | 182 | 1.91 |
| FEDAA018 | FAA Control Tower Operator | Federal Aviation Administration | 53-2021 | Air Traffic Controllers | | \$52.63 | \$30.07 | 87 | 0.55 |
| FEDAA019 | FAA Aircraft Dispatcher | Federal Aviation Administration | 53-2021 | Air Traffic Controllers | | \$52.63 | \$30.07 | 87 | 0.55 |
| FEDAA020 | FAA Instrument Ground Instructor | Federal Aviation Administration | 53-2012 | Commercial Pilots | Yes | \$44.77 | \$20.44 | 182 | 1.91 |
| FEDCC001 | FCC Commercial Radio Operator License -Element 3 General Radiotelephone Operator License (PG) | Federal Communications Commission | 49-2021 | Radio Mechanics | | \$22.53 | \$15.18 | 10 | 0.71 |
| FEDCC002 | FCC Commercial Radio Operator License -Element 8 Ship Radar Endorsement | Federal Communications Commission | 49-2021 | Radio Mechanics | | \$22.53 | \$15.18 | 10 | 0.71 |
| FLADA001 | Florida Automobile Dealers Association (FADA) Certified Technician | Florida Automobile Dealers Association | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1482 | 1.54 |
| FLDEP004 | Water Treatment Plant Operator Level A | FL Dept. of Environmental Protection | 51-8031 | Water and Liquid Waste Treatment Plant Operators | Yes | \$21.74 | \$14.96 | 243 | 2.31 |
| FLDEP005 | Water Treatment Plant Operator Level B | FL Dept. of Environmental Protection | 51-8031 | Water and Liquid Waste Treatment Plant Operators | Yes | \$21.74 | \$14.96 | 243 | 2.31 |
| FLDEP006 | Water Treatment Plant Operator Level C | FL Dept. of Environmental Protection | 51-8031 | Water and Liquid Waste Treatment Plant Operators | Yes | \$21.74 | \$14.96 | 243 | 2.31 |
| FLDEP007 | Water Treatment Plant Operator Level D | FL Dept. of Environmental Protection | 51-8031 | Water and Liquid Waste Treatment Plant Operators | Yes | \$21.74 | \$14.96 | 243 | 2.31 |
| FLDRE002 | License - Real Estate Sales Associate | FL Dept of Business and Professional Regulation, Div. of Real Estate | 41-9022 | Real Estate Sales Agents | Yes | \$19.81 | \$10.80 | 1,627 | 2.47 |
| FLENG001 | Engineering Core Certification | Florida Engineering Society | 17-3022 | Civil Engineering Technician | Yes | \$24.34 | \$16.45 | 168 | 2.21 |
| FLFBR001 | Certified Agriculture Technician | Florida Farm Bureau | 19-4011 | Agricultural and Food Science Technicians | | \$17.51 | \$12.99 | 14 | 1.07 |
| FLFBR002 | Agricultural Biotechnology Certification | Florida Farm Bureau | 19-4011 | Agricultural and Food Science Technicians | | \$17.51 | \$12.99 | 14 | 1.07 |
| FLSBD001 | Dental Hygienist | Florida State Board of Dentistry | 29-2021 | Dental Hygienists | Yes | \$28.55 | \$20.50 | 525 | 3.86 |
| FLSFM002 | Certified Fire Fighter | Florida Department of Financial Services, State Fire Marshall, Bureau of Fire Standards & Training | 33-2011 | Fire Fighters | Yes | \$24.36 | \$14.83 | 1,166 | 2.25 |

2007-12 Comprehensive Industry Certification List with Employment Data

| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|--|--|------------------|---|-----|---------|---------|-------------------------|---------------------------|
| FLSFM005 | Fire Fighter I | Florida Department of Financial Services, State Fire Marshall, Bureau of Fire Standards & Training | 33-2011 | Fire Fighters | Yes | \$24.36 | \$14.83 | 1,166 | 2.25 |
| FLSFM006 | Fire Fighter II | Florida Department of Financial Services, State Fire Marshall, Bureau of Fire Standards & Training | 33-2011 | Fire Fighters | Yes | \$24.36 | \$14.83 | 1,166 | 2.25 |
| FMAIN001 | Precision Sheetmetal Operator - Level I (PSMO) | Fabricators & Manufacturers Association, International (FMA) | 51-4031 | Cutting, Punching & Press Machine Operators; M & P | | \$13.86 | \$9.87 | 77 | 0.05 |
| FNGLA001 | Certified Horticulture Professional (FCHP) | Florida Nursery, Growers & Landscape Association | 45-2092 | Farmworkers & Laborers, Crop, Nursery, & Greenhouse | | \$9.61 | \$8.14 | 1,562 | 0.76 |
| GRBCI001 | LEED Professional Accreditation | Green Building Certification Institute (GBCI) | 17-2051 | Civil Engineers | | \$39.54 | \$25.24 | 697 | 3.36 |
| HBINS001 | Electrical Principles: Residential Construction Academy Examination | Home Builders Institute | 47-2111 | Electricians | Yes | \$19.65 | \$14.34 | 1,370 | 2.23 |
| HLPDI006 | Support Center Manager (Certified Help Desk Manager) | Help Desk Institute (HDI) | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| HPCPY001 | HP (Hewlett-Packard) Accredited Technical Associate (HP-ATA)-Connected Devices | Certiport, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| HPCPY002 | HP (Hewlett-Packard) Accredited Technical Associate (HP-ATA)-Cloud | Certiport, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| HPCPY003 | HP (Hewlett-Packard) Accredited Technical Associate (HP-ATA)-Networks | Certiport, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| HPCPY004 | HP (Hewlett-Packard) Accredited Technical Associate (HP-ATA)-Servers & Storage | Certiport, Inc. | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| HRCIS001 | PHR® (Professional in Human Resources) | Human Resource Cert. Institute - Soc. For Human Res. Mgt. | 13-1079 | Human Resources, Training, & Labor Relations Specialists, All Other | | \$27.90 | \$17.68 | 575 | 2.43 |
| HRCIS002 | SPHR® (Senior Professional in Human Resources) | Human Resource Cert. Institute - Soc. For Human Res. Mgt. | 13-1079 | Human Resources, Training, & Labor Relations Specialists, All Other | | \$27.90 | \$17.68 | 575 | 2.43 |
| HRCIS003 | GPHR® (Global Professional in Human Resources) | Human Resource Cert. Institute - Soc. For Human Res. Mgt. | 13-1079 | Human Resources, Training, & Labor Relations Specialists, All Other | | \$27.90 | \$17.68 | 575 | 2.43 |
| HVACE007 | HEAT certification | HVAC (Heating, Ventilation and Air Conditioning) Excellence | 49-9021 | Heating, A.C., and Refrigeration Mechanics and Installers | Yes | \$19.20 | \$13.19 | 1,227 | 3.95 |
| HVACE008 | HEAT+ certification | HVAC (Heating, Ventilation and Air Conditioning) Excellence | 49-9021 | Heating, A.C., and Refrigeration Mechanics and Installers | Yes | \$19.20 | \$13.19 | 1,227 | 3.95 |
| IAOAP001 | Certified Administrative Professional (CAP) | International Association of Administrative Professionals (IAAP) | 43-6011 | Executive Secretaries and Administrative Assistants | Yes | \$20.04 | \$14.34 | 2,900 | 1.81 |
| IAOAP002 | Certified Professional Secretary (CPS) | International Association of Administrative Professionals (IAAP) | 43-6014 | Secretaries, Except Legal, Medical, and Executive | | \$14.56 | \$10.11 | 4,067 | 1.34 |
| IASIU001 | Certified Insurance Fraud Investigator | The International Association of Special Investigative Units | 33-9021 | Private Detectives and Investigators | Yes | \$23.43 | \$15.44 | 193 | 2.83 |
| IBMCO001 | IBM Certified Application Developer - Programming with IBM Enterprise PL/I | IBM Corporation | 15-1031 | Computer Software Engineers, Applications | Yes | \$40.80 | \$25.54 | 737 | 3.09 |
| ICARC001 | Certified Alcohol & Other Drug Abuse Counselor (AODA-C) | International Certification & Reciprocity Consortium (IC&RC) Alcohol & Other Drug Abuse, Inc. | 21-1011 | Substance Abuse and Behavioral Disorder Counselors | | \$21.03 | \$13.29 | 146 | 1.73 |
| ICBNK001 | Certified Bank Teller (CBT) | Institute of Certified Bankers | 43-3071 | Tellers | | \$12.62 | \$10.45 | 1,313 | 0.28 |
| ICOCP001 | Certified Computing Professional (CCP) | Institute for Certification of Computing Professionals (ICCP) | 15-1051 | Computer Systems Analysts | Yes | \$34.90 | \$23.24 | 945 | 2.12 |

2007-12 Comprehensive Industry Certification List with Employment Data

| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|--|---|------------------|--|-----|---------|---------|-------------------------|---------------------------|
| ICOPT001 | National Pharmacy Technician Certification | Institute for the Certification of Pharmacy technicians | 29-2052 | Pharmacy Technicians | | \$13.65 | \$10.37 | 1,207 | 3.42 |
| IFEBP001 | Certified Employee Benefits Specialist | International Foundation Employee Benefits | 13-1072 | Compensation, Benefits, and Job Analysis Specialists | Yes | \$25.73 | \$17.25 | 219 | 2.71 |
| IFSEA001 | Certified Food Manager (CFM) | International Food Service Executive Association | 11-9051 | Food Service Managers | Yes | \$27.13 | \$18.63 | 528 | 1.08 |
| IISSC001 | Information Systems Security Management Professional (ISSMP) | International Information Systems Security Certification Consortium, Inc. | 11-3021 | Computer and Information Systems Managers | | \$59.46 | \$39.77 | 248 | 1.78 |
| IISSC002 | Associate of (ISC) ² - SSCP | (ISC) ² | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| INSIA001 | Associate in Claims (AIC) | Insurance Institute of America | 43-9041 | Insurance Claims and Policy Processing Clerks | | \$15.86 | \$12.43 | 235 | 0.73 |
| INSIA002 | Associate in Commercial Underwriting (AU) | Insurance Institute of America | 43-9041 | Insurance Claims and Policy Processing Clerks | | \$15.86 | \$12.43 | 235 | 0.73 |
| INSIA003 | Associate in Insurance Accounting and Finance (AIAF) | Insurance Institute of America | 13-2011 | Accountants and Auditors | | \$31.06 | \$18.93 | 3,296 | 2.42 |
| INSIA004 | Associate in Regulation and Compliance (ARC) | Insurance Institute of America | 13-1041 | Compliance Officers, Exc. Safety, Agri, Constr & Transp. | Yes | \$27.12 | \$16.72 | 742 | 2.76 |
| INSMA002 | Certified Management Accountant (CMA) | Institute of Management Accountants | 13-2011 | Accountants and Auditors | | \$31.06 | \$18.93 | 3,296 | 2.42 |
| INSOC001 | Certified Industrial Maintenance Mechanic | Instrument Society of America | 49-9041 | Industrial Machinery Mechanics | Yes | \$21.97 | \$15.27 | 404 | 2.44 |
| INTCA001 | Associate, Life and Health Claims (ALHC) | International Claim Association | 13-1031 | Claims Adjusters, Examiners, and Investigators | Yes | \$27.12 | \$17.53 | 620 | 1.35 |
| INTCC001 | ICC Professional Certification - Building Inspector | International Code Council | 47-4011 | Construction and Building Inspectors | Yes | \$25.96 | \$18.13 | 283 | 2.43 |
| INTCF001 | Master Certified Coach (MCC) | International Coach Federation | 25-3021 | Self-Enrichment Education Teachers | | \$18.34 | \$10.57 | 414 | 2.04 |
| INTUT001 | QuickBooks Certified User | Intuit | 43-3031 | Bookkeeping, Accounting, and Auditing Clerks | Yes | \$16.18 | \$11.44 | 3,261 | 1.67 |
| IOEEE001 | Certified Software Development Professional (CSDP) | Institute of Electrical and Electronics Engineers (IEEE) Computer Society | 15-1032 | Computer Software Engineers, Systems Software | | \$42.63 | \$28.69 | 385 | 2.54 |
| IPCEI001 | J-STD-001 Certified IPC (Institute of Interconnecting and Packaging Electronic Circuits) Specialist (Soldering Specialist) | IPC- Association Connecting Electronics Industries | 51-4122 | Welding & Brazing Machine Setters, Operators & Tenders | | \$16.64 | \$12.65 | 34 | 0.94 |
| IROCA001 | Certified Auditor | International Register of Certified Auditors (IRCA) | 13-2011 | Accountants and Auditors | | \$31.06 | \$18.93 | 3,296 | 2.42 |
| ISCET002 | Electronics Systems Associate (ESA) | International Society of Certified Electronics Technicians | 17-3023 | Electrical and Electronic Engineering Technicians | | \$25.49 | \$16.98 | 181 | 0.17 |
| LOMAS001 | Associate, Insurance Regulatory Compliance (AIRC) | Life Office Management Association (LOMA) | 13-1041 | Compliance Officers, Exc. Safety, Agri, Constr & Transp. | Yes | \$27.12 | \$16.72 | 742 | 2.76 |
| LOMAS002 | Certified Professional in Financial Services (CPFS) | Life Office Management Association (LOMA) | 13-2052 | Personal Financial Advisors | | \$33.33 | \$16.08 | 739 | 2.99 |
| LTINT001 | Applied Management Certified Professional | Learning Tree International | 11-3051 | Industrial Production Managers | | \$51.22 | \$33.23 | 100 | 0.49 |
| MESME001 | Certified Manufacturing Technologist (CMfgT) | Manufacturing Engineering Certification Institute of the Society of Manufacturing Engineers | 17-2112 | Industrial Engineers | | \$33.27 | \$20.64 | 467 | 2.49 |
| MICRO005 | Microsoft Certified Database Administrator (MCDBA) | Microsoft Corporation | 15-1061 | Database Administrators | Yes | \$34.38 | \$22.70 | 185 | 1.96 |
| MICRO006 | Microsoft Certified Desktop Support Technician (MCDST) | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO013 | Microsoft Certified Systems Engineer 2003 (MCSE) | Microsoft Corporation | 15-1071 | Network and Computer Systems Administrators | Yes | \$34.32 | \$22.45 | 546 | 2.16 |
| MICRO017 | Microsoft Office Master | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |

2007-12 Comprehensive Industry Certification List with Employment Data

| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|---|--------------------------------|------------------|--|-----|---------|---------|-------------------------|---------------------------|
| MICRO026 | MCIT Professional: Business Intelligence Developer | Microsoft Corporation | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| MICRO027 | MCIT Professional: Consumer Support Technician | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO028 | MCIT Professional: Database Administrator | Microsoft Corporation | 15-1061 | Database Administrators | Yes | \$34.38 | \$22.70 | 185 | 1.96 |
| MICRO029 | MCIT Professional: Database Developer | Microsoft Corporation | 15-1099 | Computer Specialists, All Other | | \$31.23 | \$17.45 | 172 | 1.42 |
| MICRO030 | MCIT Professional: Enterprise Administrator | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO031 | MCIT Professional: Enterprise Messaging Administrator | Microsoft Corporation | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| MICRO032 | MCIT Professional: Enterprise Project Management with Microsoft Office Project Server 2007 | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO033 | MCIT Professional: Enterprise Support Technician | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO034 | MCIT Professional: Server Administrator | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO037 | Microsoft Certified Architect- Database | Microsoft Corporation | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| MICRO038 | Microsoft Certified Architect- Messaging | Microsoft Corporation | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| MICRO040 | Microsoft Certified Business Management Solutions Specialist | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO041 | Microsoft Certified Learning Consultant (MCLC) | Microsoft Corporation | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| MICRO042 | Microsoft Certified Professional Developer (MCPD) - Enterprise Applications Developer | Microsoft Corporation | 15-1031 | Computer Software Engineers, Applications | Yes | \$40.80 | \$25.54 | 737 | 3.09 |
| MICRO043 | Microsoft Certified Professional Developer (MCPD) - Web Developer | Microsoft Corporation | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| MICRO044 | Microsoft Certified Professional Developer (MCPD) - Windows Developer | Microsoft Corporation | 15-1031 | Computer Software Engineers, Applications | Yes | \$40.80 | \$25.54 | 737 | 3.09 |
| MICRO046 | Microsoft Certified Systems Administrator (MCSA) - Windows Server 2003 | Microsoft Corporation | 15-1071 | Network and Computer Systems Administrators | Yes | \$34.32 | \$22.45 | 546 | 2.16 |
| MICRO047 | Microsoft Certified Technology Specialist (MCTS): .NET Framework 2.0 Distributed Applications | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO048 | Microsoft Certified Technology Specialist (MCTS): .NET Framework 2.0 Web Applications | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO049 | Microsoft Certified Technology Specialist (MCTS): .NET Framework 2.0 Windows Applications | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO050 | Microsoft Certified Technology Specialist (MCTS): BizTalk Server 2006 | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO051 | Microsoft Certified Technology Specialist (MCTS): SQL Server 2005 | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO052 | Microsoft Certified Trainer (MCT) | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO053 | Microsoft Dynamics AX | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO054 | Microsoft Dynamics CRM | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO055 | Microsoft Dynamics GP | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO056 | Microsoft Dynamics NAV | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO057 | Microsoft Dynamics SL | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO058 | Microsoft Certified Business Management Solutions Professional | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |

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| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|--|---|------------------|--|-----|---------|---------|-------------------------|---------------------------|
| MICRO062 | Microsoft Certified Professional Developer (MCPD) - ASP.NET Developer | Microsoft Corporation | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| MICRO063 | Microsoft Certified Technology Specialist (MCTS): .NET Framework 3.5, ADO.NET Applications | Microsoft | 15-1031 | Computer Software Engineers, Applications | Yes | \$40.80 | \$25.54 | 737 | 3.09 |
| MICRO064 | Microsoft Certified Technology Specialist (MCTS): .NET Framework 3.5, ASP.NET Applications | Microsoft | 15-1031 | Computer Software Engineers, Applications | Yes | \$40.80 | \$25.54 | 737 | 3.09 |
| MICRO065 | Microsoft Certified Technology Specialist (MCTS): .NET Framework 3.5, Windows Forms Applications | Microsoft | 15-1031 | Computer Software Engineers, Applications | Yes | \$40.80 | \$25.54 | 737 | 3.09 |
| MICRO066 | Microsoft Certified Technology Specialist (MCTS): .NET Framework 3.5, Presentation Foundation Applications | Microsoft | 15-1031 | Computer Software Engineers, Applications | Yes | \$40.80 | \$25.54 | 737 | 3.09 |
| MICRO069 | Microsoft Office Specialist (MOS) Bundle Certification (3 out of 5 - Word, Excel, PowerPoint, Access, Outlook) | Microsoft Corporation | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO070 | Microsoft Technology Associate (MTA) - Database Administration | Microsoft | 15-1061 | Database Administrators | Yes | \$34.38 | \$22.70 | 185 | 1.96 |
| MICRO071 | Microsoft Technology Associate (MTA): Windows Development Fundamentals | Microsoft | 15-1031 | Computer Software Engineers, Applications | Yes | \$40.80 | \$25.54 | 737 | 3.09 |
| MICRO072 | Microsoft Technology Associate (MTA): Web Development Fundamentals | Microsoft | 15-1071 | Network and Computer Systems Administrator | Yes | \$34.32 | \$22.45 | 546 | 2.16 |
| MICRO073 | Microsoft Technology Associate (MTA): .Net Fundamentals | Microsoft | 15-1031 | Computer Software Engineers, Applications | Yes | \$40.80 | \$25.54 | 737 | 3.09 |
| MICRO074 | Microsoft Technology Associate (MTA): Software Development Fundamentals | Microsoft | 15-1031 | Computer Software Engineers, Applications | Yes | \$40.80 | \$25.54 | 737 | 3.09 |
| MICRO075 | Microsoft Technology Associate (MTA): Windows Server Admin Fundamentals | Microsoft | 15-1071 | Network and Computer Systems Administrator | Yes | \$34.32 | \$22.45 | 546 | 2.16 |
| MICRO076 | Microsoft Technology Associate (MTA): Windows OS Fundamentals | Microsoft | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| MICRO077 | Microsoft Technology Associate (MTA): Security Fundamentals | Microsoft | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| MICRO078 | Microsoft Technology Associate (MTA): Networking Fundamentals | Microsoft | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| MSSCN001 | MSSC Certified Production Technician (CPT) | The Manufacturing Skill Standards Council (MSSC) | 51-1011 | First-Line Superv. of Production and Operating Workers | Yes | \$26.93 | \$17.59 | 363 | 0.59 |
| MSSCN002 | Manufacturing Skill Standards Council (MSSC)- Certified Logistics Technician (CLT) | MSSC | 53-1021 | First-Line Supervisor/Managers of Helpers, Laborers, and Material Movers | Yes | \$11.74 | \$8.38 | 3,548 | 0.95 |
| MSSCN006 | MSSC Instructor Certification | The Manufacturing Skill Standards Council (MSSC) | 13-1073 | Training and Development Specialists | | \$25.81 | \$16.49 | 601 | 2.73 |
| NAHCH001 | Certified Home Care Aide | National Association for Home Care | 31-1011 | Home Health Aides | | \$10.55 | \$8.33 | 2,165 | 5.49 |
| NAHUC001 | Certified Health Unit Coordinator (CHUC) | National Association of Health Unit Coordinators, Inc. | 21-1091 | Health Educators | | \$20.73 | \$11.98 | 102 | 1.79 |
| NALSC001 | Professional Legal Secretary (PLS) | National Association of Legal Secretaries Resource Center | 43-6012 | Legal Secretaries | Yes | \$19.68 | \$13.68 | 458 | 1.54 |
| NAOLA002 | Certified Legal Assistant (CLA) | National Association of Legal Assistants, Inc. | 23-2011 | Paralegals and Legal Assistants | Yes | \$22.59 | \$15.16 | 812 | 2.70 |
| NAOPS001 | Certified Temporary-Staffing Specialist (CTS) | National Association of Personnel Services | 13-1071 | Employment, Recruitment, and Placement Specialists | Yes | \$22.60 | \$15.02 | 944 | 3.46 |
| NATAR001 | Residential Accredited Appraiser (RAA) | National Association of Realtors | 13-2021 | Appraisers and Assessors of Real Estate | | \$24.37 | \$13.78 | 158 | 0.78 |

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| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|--|---|------------------|---|-----|---------|---------|-------------------------|---------------------------|
| NATEX001 | Air Conditioning Service Technician | North American Technician Excellence | 49-9021 | Heating, A.C., and Refrigeration Mechanics and Installers | Yes | \$19.20 | \$13.19 | 1,227 | 3.95 |
| NATEX002 | Air Conditioning Installation Specialization | North American Technician Excellence | 49-9021 | Heating, A.C., and Refrigeration Mechanics and Installers | Yes | \$19.20 | \$13.19 | 1,227 | 3.95 |
| NATHA002 | Certified EKG Technician (CET) | National Healthcareer Association | 29-2031 | Cardiovascular Technologists and Technicians | Yes | \$20.51 | \$11.93 | 186 | 2.25 |
| NATHA003 | Certified Medical Administrative Assistant | National Healthcareer Association | 29-2071 | Medical Records and Health Information Technicians | Yes | \$16.57 | \$10.81 | 439 | 2.13 |
| NATHA006 | Patient Care Technician | National Healthcareer Association | 31-1012 | Nursing Aides, Orderlies, and Attendants | | \$11.58 | \$9.66 | 2,766 | 2.08 |
| NBCEP001 | Photovoltaic (PV) Entry Level Certificate of Knowledge | North American Board of Certified Energy Practitioners (NABCEP) | 47-3013 | Helpers - Electricians | | \$12.87 | \$10.02 | 430 | 3.50 |
| NBFAA001 | Alarm Certified Technician (Fire Alarm/ Advanced) | National Burglar & Fire Alarm Association | 49-2098 | Security and Fire Alarm Systems Installers | Yes | \$17.83 | \$13.32 | 404 | 3.74 |
| NBFR001 | Certified Respiratory Therapist (CRT) | National Board for Respiratory Care | 29-1126 | Respiratory Therapists | Yes | \$24.97 | \$20.62 | 257 | 2.20 |
| NBOST001 | Certified Surgical Technologist (CST) | The National Board of Surgical Technology and Surgical Assisting (NBSTSA) | 29-2055 | Surgical Technologists | Yes | \$18.12 | \$14.55 | 304 | 2.56 |
| NCATT001 | Aircraft Electronics Technician (AET) | National Center for Aircraft Technician Training (NCATT) | 49-2091 | Avionics Technicians | | \$23.68 | \$16.71 | 34 | 1.17 |
| NCATT002 | Foreign Object Elimination (FOE) | National Center for Aircraft Technician Training | 49-3011 | Aircraft Mechanics and Service Technicians | | \$22.56 | \$14.45 | 163 | 0.19 |
| NCCAM001 | Certified Manager of Community Associations (CMCA) | National Board of Certification for Community Association Managers | 11-9141 | Property, Real Estate & Community Association Managers | Yes | \$29.61 | \$16.54 | 596 | 1.33 |
| NCCER005 | NCCER Carpentry Fundamentals - Level 1 | National Center for Construction Education & Research (NCCER) | 47-2031 | Carpenters | Yes | \$17.38 | \$11.41 | 1,864 | 2.87 |
| NCCER008 | NCCER Construction Technology | National Center for Construction Education & Research (NCCER) | 47-3019 | Helpers - Construction Trades, All Other | | \$11.75 | \$8.46 | 111 | 2.79 |
| NCCER010 | NCCER Electrical - Level 1 | National Center for Construction Education & Research (NCCER) | 47-3013 | Helpers - Electricians | | \$12.87 | \$10.02 | 430 | 3.50 |
| NCCER013 | NCCER Electronic Systems Technician- Level 1 | National Center for Construction Education & Research (NCCER) | 49-2022 | Telecommunications Equipment Installers and Repairers | | \$22.86 | \$15.21 | 178 | -0.44 |
| NCCER017 | NCCER Heavy Equipment Operations - Level 1 | National Center for Construction Education & Research (NCCER) | 47-2073 | Operating Engineers/Construction Equipment Operators | Yes | \$17.48 | \$12.88 | 588 | 2.18 |
| NCCER018 | NCCER Heating, Ventilation and Air Conditioning (HVAC) - Level 1 | National Center for Construction Education & Research (NCCER) | 49-9021 | Heating, A.C., and Refrigeration Mechanics and Installers | Yes | \$19.20 | \$13.19 | 1,227 | 3.95 |
| NCCER025 | NCCER Masonry - Level 1 | National Center for Construction Education & Research (NCCER) | 47-2021 | Brickmasons and Blockmasons | Yes | \$18.40 | \$13.44 | 263 | 3.28 |
| NCCER026 | NCCER Plumbing - Level 1 | National Center for Construction Education & Research (NCCER) | 47-2152 | Plumbers, Pipefitters, and Steamfitters | Yes | \$19.17 | \$13.17 | 966 | 2.34 |
| NCCER027 | NCCER Project Management | National Center for Construction Education & Research (NCCER) | 47-1011 | First-Line Superv. of Construction and Extraction Workers | Yes | \$28.42 | \$18.62 | 2,071 | 3.07 |
| NCCER032 | NCCER Carpentry - Level 2 | National Center for Construction Education & Research (NCCER) | 47-2031 | Carpenters | Yes | \$17.38 | \$11.41 | 1,864 | 2.87 |

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| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|--|---|------------------|---|-----|---------|---------|-------------------------|---------------------------|
| NCCER033 | NCCER Carpentry - Level 3 | National Center for Construction Education & Research (NCCER) | 47-2031 | Carpenters | Yes | \$17.38 | \$11.41 | 1,864 | 2.87 |
| NCCER034 | NCCER Carpentry - Level 4 | National Center for Construction Education & Research (NCCER) | 47-2031 | Carpenters | Yes | \$17.38 | \$11.41 | 1,864 | 2.87 |
| NCCER036 | NCCER Concrete Finishing- Level 1 | National Center for Construction Education & Research (NCCER) | 47-2051 | Cement Masons and Concrete Finishers | Yes | \$15.49 | \$11.16 | 464 | 3.76 |
| NCCER037 | NCCER Concrete Finishing- Level 2 | National Center for Construction Education & Research (NCCER) | 47-2051 | Cement Masons and Concrete Finishers | Yes | \$15.49 | \$11.16 | 464 | 3.76 |
| NCCER038 | NCCER Electrical- Level 2 | National Center for Construction Education & Research (NCCER) | 47-2111 | Electricians | Yes | \$19.65 | \$14.34 | 1,370 | 2.23 |
| NCCER039 | NCCER Electrical- Level 3 | National Center for Construction Education & Research (NCCER) | 47-2111 | Electricians | Yes | \$19.65 | \$14.34 | 1,370 | 2.23 |
| NCCER040 | NCCER Electrical- Level 4 | National Center for Construction Education & Research (NCCER) | 47-2111 | Electricians | Yes | \$19.65 | \$14.34 | 1,370 | 2.23 |
| NCCER041 | NCCER Electronic Systems Technician- Level 2 | National Center for Construction Education & Research (NCCER) | 49-2022 | Telecommunications Equipment Installers and Repairers | | \$22.86 | \$15.21 | 178 | -0.44 |
| NCCER042 | NCCER Electronic Systems Technician- Level 3 | National Center for Construction Education & Research (NCCER) | 49-2022 | Telecommunications Equipment Installers and Repairers | | \$22.86 | \$15.21 | 178 | -0.44 |
| NCCER043 | NCCER Electronic Systems Technician- Level 4 | National Center for Construction Education & Research (NCCER) | 49-2022 | Telecommunications Equipment Installers and Repairers | | \$22.86 | \$15.21 | 178 | -0.44 |
| NCCER044 | NCCER Masonry - Level 2 | National Center for Construction Education & Research (NCCER) | 47-2021 | Brickmasons and Blockmasons | Yes | \$18.40 | \$13.44 | 263 | 3.28 |
| NCCER045 | NCCER Masonry - Level 3 | National Center for Construction Education & Research (NCCER) | 47-2021 | Brickmasons and Blockmasons | Yes | \$18.40 | \$13.44 | 263 | 3.28 |
| NCCER046 | NCCER Painting- Level 1 | National Center for Construction Education & Research (NCCER) | 47-2141 | Painters, Construction and Maintenance | | \$14.83 | \$9.80 | 889 | 2.28 |
| NCCER047 | NCCER Painting- Level 2 | National Center for Construction Education & Research (NCCER) | 47-2141 | Painters, Construction and Maintenance | | \$14.83 | \$9.80 | 889 | 2.28 |
| NCCER048 | NCCER Painting- Level 3 | National Center for Construction Education & Research (NCCER) | 47-2141 | Painters, Construction and Maintenance | | \$14.83 | \$9.80 | 889 | 2.28 |
| NCCER049 | NCCER Pipefitting - Level 1 | National Center for Construction Education & Research (NCCER) | 47-2152 | Plumbers, Pipefitters, and Steamfitters | Yes | \$19.17 | \$13.17 | 966 | 2.34 |
| NCCER050 | NCCER Pipefitting - Level 2 | National Center for Construction Education & Research (NCCER) | 47-2152 | Plumbers, Pipefitters, and Steamfitters | Yes | \$19.17 | \$13.17 | 966 | 2.34 |
| NCCER051 | NCCER Pipefitting - Level 3 | National Center for Construction Education & Research (NCCER) | 47-2152 | Plumbers, Pipefitters, and Steamfitters | Yes | \$19.17 | \$13.17 | 966 | 2.34 |
| NCCER052 | NCCER Pipefitting - Level 4 | National Center for Construction Education & Research (NCCER) | 47-2152 | Plumbers, Pipefitters, and Steamfitters | Yes | \$19.17 | \$13.17 | 966 | 2.34 |
| NCCER053 | NCCER Roofer- Level 1 | National Center for Construction Education & Research (NCCER) | 47-2181 | Roofers | Yes | \$15.58 | \$11.68 | 447 | 2.84 |
| NCCER054 | NCCER Roofer- Level 2 | National Center for Construction Education & Research (NCCER) | 47-2181 | Roofers | Yes | \$15.58 | \$11.68 | 447 | 2.84 |
| NCCER055 | NCCER Roofer- Level 3 | National Center for Construction Education & Research (NCCER) | 47-2181 | Roofers | Yes | \$15.58 | \$11.68 | 447 | 2.84 |

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| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|--|--|------------------|---|-----|---------|---------|-------------------------|---------------------------|
| NCCER056 | NCCER Roofer- Level 4 | National Center for Construction Education & Research (NCCER) | 47-2181 | Roofers | Yes | \$15.58 | \$11.68 | 447 | 2.84 |
| NCCER057 | NCCER Sheet Metal - Level 1 | National Center for Construction Education & Research (NCCER) | 47-2211 | Sheet Metal Workers | Yes | \$17.89 | \$12.60 | 259 | 2.49 |
| NCCER058 | NCCER Sheet Metal - Level 2 | National Center for Construction Education & Research (NCCER) | 47-2211 | Sheet Metal Workers | Yes | \$17.89 | \$12.60 | 259 | 2.49 |
| NCCER059 | NCCER Sheet Metal - Level 3 | National Center for Construction Education & Research (NCCER) | 51-4121 | Welders, Cutters, Solderers, and Brazers | Yes | \$17.55 | \$12.40 | 470 | 1.49 |
| NCCER060 | NCCER Sheet Metal - Level 4 | National Center for Construction Education & Research (NCCER) | 47-2211 | Sheet Metal Workers | Yes | \$17.89 | \$12.60 | 259 | 2.49 |
| NCCER061 | NCCER Welder - Level 1 | National Center for Construction Education & Research (NCCER) | 51-4121 | Welders, Cutters, Solderers, and Brazers | Yes | \$17.55 | \$12.40 | 470 | 1.49 |
| NCCER062 | NCCER Welder - Level 2 | National Center for Construction Education & Research (NCCER) | 51-4121 | Welders, Cutters, Solderers, and Brazers | Yes | \$17.55 | \$12.40 | 470 | 1.49 |
| NCCER063 | NCCER Welder - Level 3 | National Center for Construction Education & Research (NCCER) | 51-4121 | Welders, Cutters, Solderers, and Brazers | Yes | \$17.55 | \$12.40 | 470 | 1.49 |
| NCCER067 | NCCER Heavy Equipment Operations - Level 2 | National Center for Construction Education & Research (NCCER) | 47-2073 | Operating Engineers/Construction Equipment Operators | Yes | \$17.48 | \$12.88 | 588 | 2.18 |
| NCCER068 | NCCER Heavy Equipment Operations - Level 3 | National Center for Construction Education & Research (NCCER) | 47-2073 | Operating Engineers/Construction Equipment Operators | Yes | \$17.48 | \$12.88 | 588 | 2.18 |
| NCCER069 | NCCER Plumbing - Level 2 | National Center for Construction Education & Research (NCCER) | 47-2152 | Plumbers, Pipefitters, and Steamfitters | Yes | \$19.17 | \$13.17 | 966 | 2.34 |
| NCCER070 | NCCER Plumbing - Level 3 | National Center for Construction Education & Research (NCCER) | 47-2152 | Plumbers, Pipefitters, and Steamfitters | Yes | \$19.17 | \$13.17 | 966 | 2.34 |
| NCCER071 | NCCER Plumbing - Level 4 | National Center for Construction Education & Research (NCCER) | 47-2152 | Plumbers, Pipefitters, and Steamfitters | Yes | \$19.17 | \$13.17 | 966 | 2.34 |
| NCCER081 | NCCER Heating, Ventilation and Air Conditioning (HVAC) - Level 2 | National Center for Construction Education & Research (NCCER) | 49-9021 | Heating, A.C., and Refrigeration Mechanics and Installers | Yes | \$19.20 | \$13.19 | 1,227 | 3.95 |
| NCCER082 | NCCER Heating, Ventilation and Air Conditioning (HVAC) - Level 3 | National Center for Construction Education & Research (NCCER) | 49-9021 | Heating, A.C., and Refrigeration Mechanics and Installers | Yes | \$19.20 | \$13.19 | 1,227 | 3.95 |
| NCCER083 | NCCER Heating, Ventilation and Air Conditioning (HVAC) - Level 4 | National Center for Construction Education & Research (NCCER) | 49-9021 | Heating, A.C., and Refrigeration Mechanics and Installers | Yes | \$19.20 | \$13.19 | 1,227 | 3.95 |
| NCCER084 | NCCER Industrial Maintenance-Mechanic | National Center for Construction Education & Research (NCCER) | 49-9041 | Industrial Machinery Mechanics | Yes | \$21.97 | \$15.27 | 404 | 2.44 |
| NCCER092 | NCCER Glazier - Level 1 | National Center for Construction Education & Research (NCCER) | 47-2121 | Glaziers | Yes | \$17.24 | \$11.48 | 204 | 3.23 |
| NCCER093 | NCCER Glazier - Level 2 | National Center for Construction Education & Research (NCCER) | 47-2121 | Glaziers | Yes | \$17.24 | \$11.48 | 204 | 3.23 |
| NCCER094 | NCCER Glazier - Level 3 | National Center for Construction Education & Research (NCCER) | 47-2121 | Glaziers | Yes | \$17.24 | \$11.48 | 204 | 3.23 |
| NCDLT001 | Certified Dental Technician | National Board for Certification in Dental Laboratory Technology | 51-9081 | Dental Laboratory Technicians | | \$16.99 | \$10.58 | 139 | 2.41 |
| NCIDQ001 | National Council for Interior Design Certification (NCIDC) | National Council for Interior Design Qualification | 27-1025 | Interior Designers | Yes | \$23.85 | \$13.30 | 219 | 2.86 |
| NCRAS003 | Registered Professional Reporter | National Court Reporters Association | 23-2091 | Court Reporters | | \$17.35 | \$9.48 | 113 | 4.60 |
| NCRAS004 | Registered Merit Reporter | National Court Reporters Association | 23-2091 | Court Reporters | | \$17.35 | \$9.48 | 113 | 4.60 |

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|----------|---|--|------------------|---|-----|---------|---------|-------------------------|---------------------------|
| NCRAS005 | Registered Diplomat Reporter | National Court Reporters Association | 23-2091 | Court Reporters | | \$17.35 | \$9.48 | 113 | 4.60 |
| NIASE001 | ASE Advanced Engine Performance Specialist Test (L1) | National Institute for Automotive Service Excellence | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1,482 | 1.54 |
| NIASE002 | ASE Master Automobile Technician | National Institute for Automotive Service Excellence | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1,482 | 1.54 |
| NIASE003 | ASE Master Medium/Heavy Truck Technician | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE004 | ASE School Bus Technician | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE005 | ASE Automobile Technician: Automatic Transmission/Transaxle | National Institute for Automotive Service Excellence | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1,482 | 1.54 |
| NIASE007 | ASE Automobile Technician: Brakes | National Institute for Automotive Service Excellence | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1,482 | 1.54 |
| NIASE008 | ASE Automobile Technician: Electrical/Electronic Systems | National Institute for Automotive Service Excellence | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1,482 | 1.54 |
| NIASE009 | ASE Automobile Technician: Engine Performance | National Institute for Automotive Service Excellence | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1,482 | 1.54 |
| NIASE010 | ASE Automobile Technician: Engine Repair | National Institute for Automotive Service Excellence | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1,482 | 1.54 |
| NIASE011 | ASE Automobile Technician: Heating and Air Conditioning | National Institute for Automotive Service Excellence | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1,482 | 1.54 |
| NIASE012 | ASE Automobile Technician: Manual Drive Train and Axles | National Institute for Automotive Service Excellence | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1,482 | 1.54 |
| NIASE013 | ASE Automobile Service Consultant (C1) | National Institute for Automotive Service Excellence | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1,482 | 1.54 |
| NIASE014 | ASE Automobile Technician: Suspension and Steering | National Institute for Automotive Service Excellence | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1,482 | 1.54 |
| NIASE016 | ASE Medium/Heavy Truck Technician: Brakes (T4) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE017 | ASE Collision Repair and Refinishing Technician: Electrical/Mechanical Components (B5) | National Institute for Automotive Service Excellence | 49-3021 | Automotive Body and Related Repairs | | \$19.89 | \$13.86 | 227 | 0.97 |
| NIASE018 | ASE Collision Repair and Refinishing Technician: Non-structural Analysis and Damage Repair (B3) | National Institute for Automotive Service Excellence | 49-3021 | Automotive Body and Related Repairs | | \$19.89 | \$13.86 | 227 | 0.97 |
| NIASE019 | ASE Damage Analysis and Estimating Certification (B6) | National Institute for Automotive Service Excellence | 13-1051 | Cost Estimators | Yes | \$27.88 | \$17.75 | 684 | 4.47 |
| NIASE020 | ASE Medium/Heavy Truck Technician: Diesel Engines (T2) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE021 | ASE Medium/Heavy Truck Technician: Drive Train (T3) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE023 | ASE Medium/Heavy Truck Technician: Electrical/ Electronic Systems (T6) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE025 | ASE Medium/Heavy Truck Technician: Gasoline Engines (T1) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE026 | ASE Medium/Heavy Truck Technician: Heating, Ventilation, and A/C (HVAC) (T7) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE029 | ASE Collision Repair and Refinishing Technician: Painting and Refinishing (B2) | National Institute for Automotive Service Excellence | 49-3021 | Automotive Body and Related Repairs | | \$19.89 | \$13.86 | 227 | 0.97 |

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| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|---|--|------------------|---|-----|---------|---------|-------------------------|---------------------------|
| NIASE031 | ASE Medium/Heavy Truck Technician: Preventive Maintenance Inspection (PMI) (T8) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE032 | ASE Collision Repair and Refinishing Technician: Structural Analysis and Damage Repair (B4) | National Institute for Automotive Service Excellence | 49-3021 | Automotive Body and Related Repairs | | \$19.89 | \$13.86 | 227 | 0.97 |
| NIASE033 | ASE Medium/Heavy Truck Technician: Suspension and Steering (T5) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE035 | ASE Master Collision Repair and Refinishing Technician | National Institute for Automotive Service Excellence | 49-3021 | Automotive Body and Related Repairs | | \$19.89 | \$13.86 | 227 | 0.97 |
| NIASE045 | ASE School Bus Technician: Body Systems and Special Equipment (S1) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE046 | ASE School Bus Technician: Diesel Engines (S2) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE047 | ASE School Bus Technician: Drive Train (S3) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE048 | ASE School Bus Technician: Brakes (S4) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE049 | ASE School Bus Technician: Suspension and Steering (S5) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE050 | ASE School Bus Technician: Electrical/Electronic Systems (S6) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE051 | ASE School Bus Technician: Air Conditioning Systems and Controls (S7) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE052 | ASE Electronic Diesel Engine Diagnosis Specialist Test (L2) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE053 | ASE Transit Bus Technician: Compressed Natural Gas (CNG) Engines (H1) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE054 | ASE Transit Bus Technician: Diesel Engines (H2) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE055 | ASE Transit Bus Technician: Drive Train (H3) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE056 | ASE Transit Bus Technician: Brakes (H4) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE057 | ASE Transit Bus Technician: Suspension and Steering (H5) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE058 | ASE Transit Bus Technician: Electrical/Electronic Systems (H6) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE059 | ASE Transit Bus Technician: Heating Ventilation and Air Conditioning (HVAC) (H7) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE060 | ASE Transit Bus Technician: Preventive Maintenance And Inspection (PMI) (H8) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE061 | ASE Alternate Fuels Series (F1) | National Institute for Automotive Service Excellence | 49-3023 | Automotive Service Technicians and Mechanics | Yes | \$18.34 | \$11.54 | 1,482 | 1.54 |
| NIASE062 | ASE Truck Equipment Technician: Truck Equipment Installation and Repair (E1) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE063 | ASE Truck Equipment Technician: Electrical/Electronic Systems Installation and Repair (E2) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |

2007-12 Comprehensive Industry Certification List with Employment Data

| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|--|--|------------------|--|-----|---------|---------|-------------------------|---------------------------|
| NIASE064 | ASE Truck Equipment Technician: Auxiliary Power Systems Installation and Repair (E3) | National Institute for Automotive Service Excellence | 49-3031 | Bus and Truck Mechanics and Diesel Engine Specialists | | \$20.80 | \$14.85 | 327 | 1.19 |
| NIASE065 | ASE Engine Machinist: Cylinder Head Specialist (M1) | National Institute for Automotive Service Excellence | 51-4041 | Machinists | | \$18.14 | \$12.37 | 185 | 0.81 |
| NIASE066 | ASE Engine Machinist : Cylinder Block Specialist (M2) | National Institute for Automotive Service Excellence | 51-4041 | Machinists | | \$18.14 | \$12.37 | 185 | 0.81 |
| NIASE067 | ASE Engine Machinist : Assembly Specialist (M3) | National Institute for Automotive Service Excellence | 51-4041 | Machinists | | \$18.14 | \$12.37 | 185 | 0.81 |
| NICET002 | Certified Engineering Technologist (CT) | National Institute for Certification in Engineering Technologies (NICET) | 17-2112 | Industrial Engineers | | \$33.27 | \$20.64 | 467 | 2.49 |
| NICET003 | Fire Alarm Systems | National Institute for Certification in Engineering Technologies (NICET) | 17-3023 | Electrical and Electronic Engineering Technicians | | \$25.49 | \$16.98 | 181 | 0.17 |
| NICET004 | Highway Surveys Certification | National Institute for Certification in Engineering Technologies (NICET) | 17-1022 | Surveyors | | \$28.72 | \$17.44 | 117 | 2.55 |
| NIFMS001 | NIMS CNC Milling | National Institute for Metalworking Skills (NIMS) | 51-4011 | Computer-Controlled Machine Tool Operators, M & P | | \$16.51 | \$11.90 | 101 | 2.39 |
| NIFMS002 | NIMS CNC Turning | National Institute for Metalworking Skills (NIMS) | 51-4034 | Lathe & Turning Machine Tool Setters & Operators; M&P | | \$16.29 | \$13.05 | 9 | -1.64 |
| NIFMS003 | NIMS EDM - Plunge | National Institute for Metalworking Skills (NIMS) | 51-4051 | Metal-Refining Furnace Operators and Tenders | | \$14.28 | \$12.03 | 6 | 0.53 |
| NIFMS004 | NIMS EDM - Wire | National Institute for Metalworking Skills (NIMS) | 51-4034 | Lathe & Turning Machine Tool Setters & Operators; M&P | | \$16.29 | \$13.05 | 9 | -1.64 |
| NIFMS007 | NIMS Manual Milling | National Institute for Metalworking Skills (NIMS) | 51-4012 | Numerical Tool and Process Control Programmers | | \$21.29 | \$14.86 | 4 | -0.13 |
| NIFMS008 | NIMS Manual Turning | National Institute for Metalworking Skills (NIMS) | 51-4011 | Computer-Controlled Machine Tool Operators, M & P | | \$16.51 | \$11.90 | 101 | 2.39 |
| NIFMS009 | NIMS Manual Turning - Between Centers | National Institute for Metalworking Skills (NIMS) | 51-4011 | Computer-Controlled Machine Tool Operators, M & P | | \$16.51 | \$11.90 | 101 | 2.39 |
| NIFMS010 | NIMS Manual Turning with Chucking | National Institute for Metalworking Skills (NIMS) | 51-4011 | Computer-Controlled Machine Tool Operators, M & P | | \$16.51 | \$11.90 | 101 | 2.39 |
| NIFMS012 | NIMS Surface Grinding | National Institute for Metalworking Skills (NIMS) | 51-4011 | Computer-Controlled Machine Tool Operators, M & P | | \$16.51 | \$11.90 | 101 | 2.39 |
| NINSC001 | LabView Certification- The Associate Developer | National Instruments Corporation | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| NNCCO001 | Certified Clinical Hemodialysis Technician | Nephrology Nursing Certification Commission | 29-2012 | Medical and Clinical Laboratory Technicians | Yes | \$17.39 | \$11.21 | 292 | 2.07 |
| NRAEF001 | Foodservice Management Professional (FMP) | National Restaurant Association Educational Foundation | 11-9051 | Food Service Managers | Yes | \$27.13 | \$18.63 | 528 | 1.08 |
| NRAEF002 | National ProStart Certificate of Achievement | National Restaurant Association Educational Foundation | 35-1012 | First-Line Superv. of Food Preparation & Serving Workers | Yes | \$16.48 | \$11.16 | 900 | 1.14 |
| NRAEF003 | Certified Professional Food Manager (ServSafe) | National Restaurant Association Educational Foundation | 35-1012 | First-Line Superv. of Food Preparation & Serving Workers | Yes | \$16.48 | \$11.16 | 900 | 1.14 |
| NREMT001 | Emergency Medical Technician - Basic (EMT) | National Registry of Emergency Medical Technicians | 29-2041 | Emergency Medical Technicians and Paramedics | Yes | \$15.50 | \$10.98 | 326 | 1.64 |
| NREMT003 | Emergency Medical Responder Certification | National Registry of Emergency Medical Technicians | 31-9099 | Healthcare Support Workers, All Other | | \$14.20 | \$10.45 | 236 | 1.74 |
| NRETF001 | National Professional Certification in Customer Service | National Retail Federation | 43-4051 | Customer Service Representatives | | \$14.61 | \$10.22 | 9,101 | 2.76 |
| ORACL001 | Oracle Certified Associate (OCA) | Oracle Corporation | 15-1061 | Database Administrators | Yes | \$34.38 | \$22.70 | 185 | 1.96 |
| ORACL002 | Oracle Certified Professional (OCP) | Oracle Corporation | 15-1061 | Database Administrators | Yes | \$34.38 | \$22.70 | 185 | 1.96 |
| ORACL003 | Oracle Certified Master (OCM) | Oracle Corporation | 15-1061 | Database Administrators | Yes | \$34.38 | \$22.70 | 185 | 1.96 |

2007-12 Comprehensive Industry Certification List with Employment Data

| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|--|---|------------------|---|-----|---------|---------|-------------------------|---------------------------|
| ORACL004 | Oracle Certified Associate (OCA): Java Programmer | Oracle Corporation | 15-1021 | Computer Programmers | No | \$32.23 | \$19.82 | 411 | -0.40 |
| ORACL005 | Oracle Certified Professional (OCP): Java Programmer | Oracle Corporation | 15-1021 | Computer Programmers | No | \$32.23 | \$19.82 | 411 | -0.40 |
| ORACL006 | Oracle Certified Master (OCM): Java Programmer | Oracle Corporation | 15-1021 | Computer Programmers | No | \$32.23 | \$19.82 | 411 | -0.40 |
| PFMIN001 | Certified Transportation Professional | Private Fleet Management Institute - National Private Truck Council | 53-1031 | First-Line Superv. of Material-Moving Vehicle Operators | | \$27.04 | \$18.18 | 213 | 0.47 |
| PROGM001 | Certified Grounds Manager (CGM) | Professional Grounds Management Society | 37-1012 | First-Line Supervisor of Landscaping and Groundskeeping Workers | Yes | \$21.01 | \$14.46 | 454 | 2.18 |
| PROSO001 | Certified Internet Web (CIW) Associate Design Specialist | Certification Partners | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| PROSO002 | Certified Internet Web (CIW) Professional | Certification Partners | 15-1099 | Computer Specialists, All Other | | \$31.23 | \$17.45 | 172 | 1.42 |
| PROSO003 | Certified Internet Web (CIW) E-Commerce Designer Professional | Certification Partners | 15-1032 | Computer Software Engineers, Systems Software | | \$42.63 | \$28.69 | 385 | 2.54 |
| PROSO004 | Certified Internet Web (CIW) Master Designer | Certification Partners | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| PROSO005 | Certified Internet Web (CIW) Application Developer | Certification Partners | 15-1031 | Computer Software Engineers, Applications | Yes | \$40.80 | \$25.54 | 737 | 3.09 |
| PROSO006 | Certified Internet Web (CIW) Database Specialist | Certification Partners | 15-1061 | Database Administrators | Yes | \$34.38 | \$22.70 | 185 | 1.96 |
| PROSO007 | Certified Internet Web (CIW) Enterprise Specialist | Certification Partners | 15-1032 | Computer Software Engineers, Systems Software | | \$42.63 | \$28.69 | 385 | 2.54 |
| PROSO008 | Certified Internet Web (CIW) Internetworking Professional | Certification Partners | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| PROSO009 | Certified Internet Web (CIW) Security Analyst | Certification Partners | 15-1071 | Network and Computer Systems Administrators | Yes | \$34.32 | \$22.45 | 546 | 2.16 |
| PROSO010 | Certified Internet Web (CIW) Security Professional | Certification Partners | 15-1071 | Network and Computer Systems Administrators | Yes | \$34.32 | \$22.45 | 546 | 2.16 |
| PROSO011 | Certified Internet Web (CIW) Server Administrator Professional | Certification Partners | 15-1071 | Network and Computer Systems Administrators | Yes | \$34.32 | \$22.45 | 546 | 2.16 |
| PROSO012 | Certified Internet Web (CIW) Site Designer Professional | Certification Partners | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| PROSO013 | Certified Internet Web (CIW) Master Administrator | Certification Partners | 11-3021 | Computer and Information Systems Managers | | \$59.46 | \$39.77 | 248 | 1.78 |
| PROSO014 | Certified Internet Web (CIW) Master Enterprise Developer | Certification Partners | 15-1061 | Database Administrators | Yes | \$34.38 | \$22.70 | 185 | 1.96 |
| PROSO015 | Certified Internet Web (CIW) Master Web Site Manager | Certification Partners | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| PROSO016 | CIW Internet Business Associate | Certification Partners, LLC | 15-1041 | Computer Support Specialists | Yes | \$19.91 | \$13.84 | 1,494 | 1.61 |
| PROSO017 | CIW JavaScript Specialist | Certification Partners, LLC | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| PROSO018 | CIW Network Technology Associate | Certification Partners, LLC | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| PROSO019 | CIW Perl Specialist | Certification Partners, LLC | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| PROSO020 | CIW Site Development Associate | Certification Partners, LLC | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| PROSO021 | CIW Web Design Professional | Certification Partners, LLC | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| PROSO022 | CIW Web Design Specialist | Certification Partners, LLC | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| PROSO023 | CIW Web Development Professional | Certification Partners, LLC | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| PROSO024 | CIW Web Foundations Associate | Certification Partners, LLC | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |

2007-12 Comprehensive Industry Certification List with Employment Data

| DOE Code | Title | Issuing Organization/ Provider | SOC Code Primary | SOC Title, Primary | DOL | Mean | Entry | Average Annual Openings | Average Annual Rate, in % |
|----------|--|--|------------------|---|-----|---------|---------|-------------------------|---------------------------|
| PROSO025 | CIW Web Security Associate | Certification Partners, LLC | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| PROSO026 | CIW Web Security Specialist | Certification Partners, LLC | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| PROTD001 | Truck Driver Certification | Professional Truck Driver Institute (PTDI) | 53-3032 | Truck Drivers, Heavy and Tractor-Trailer | Yes | \$17.65 | \$12.29 | 2,763 | 2.19 |
| PTCBD001 | Pharmacy Technician | | 29-2052 | Pharmacy Technicians | | \$13.65 | \$10.37 | 1,207 | 3.42 |
| SAMEI001 | SMEI Certified Professional Salesperson (SCPS) | Sales & Marketing Executives International, Inc. | 41-4012 | Sales Representatives, Wholesale and Manufacturing, Other | Yes | \$28.34 | \$14.52 | 3,260 | 1.82 |
| SECOF001 | Certified Securities Processing Specialist (CSPS) | Securities Operations Forum | 41-3031 | Securities and Financial Services Sales Agents | | \$42.91 | \$18.84 | 739 | 0.84 |
| SIEME001 | Siemens (Level I) Mechatronic Systems Assistant | SIEMENS AG | 49-9041 | Industrial Machinery Mechanics | Yes | \$21.97 | \$15.27 | 404 | 2.44 |
| SMFEN001 | Lean Certification (Lean Bronze Certification–LBC) | Society of Manufacturing Engineers, Association for Manufacturing Excellence, and The Shingo Prize for Excellence in Manufacturing | 13-1111 | Management Analysts | | \$36.22 | \$19.13 | 1,649 | 1.67 |
| SMRPR001 | Certified Maintenance and Reliability Technician Program | Society for Maintenance & Reliability Professionals | 49-9041 | Industrial Machinery Mechanics | Yes | \$21.97 | \$15.27 | 404 | 2.44 |
| SOCPC001 | Protective Coatings Certification | Society for Protective Coatings | 51-4193 | Plating & Coating Machine Setters & Operators: M & P | | \$13.84 | \$8.75 | 16 | -0.87 |
| SOCTE004 | Broadband Premises Installer (BPI) | Society of Cable Telecommunications Engineers | 49-9052 | Telecommunications Line Installers and Repairers | | \$22.31 | \$14.73 | 134 | -0.55 |
| SOLID001 | Certified Solidworks Associate (CSWA) | Dassault Systems Solidworks Corporation | 17-3013 | Mechanical Drafters | | \$24.35 | \$16.81 | 39 | 0.85 |
| SOLID002 | Certified Solidworks Professional (CSWP) | Dassault Systems Solidworks Corporation | 17-3013 | Mechanical Drafters | | \$24.35 | \$16.81 | 39 | 0.85 |
| SPACE001 | Aerospace Technician | National Aerospace Technical Education Center (SpaceTEC) | 17-3021 | Aerospace Engineering and Operations Technicians | | \$22.95 | \$15.00 | 6 | 0.35 |
| STBCA001 | Truss Technician Training Levels 1, 2, 3 (bundled) | Structural Building Components Association | 17-3011 | Architectural and Civil Drafters | Yes | \$22.66 | \$15.44 | 346 | 2.42 |
| SUNMI001 | Sun Certified Java Programmer | Sun Microsystems | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| SUNMI002 | Sun Certified Java Associate | Sun Microsystems | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| SUNMI003 | Sun Certified Java Developer | Sun Microsystems | 15-1021 | Computer Programmers | | \$32.23 | \$19.82 | 411 | -0.40 |
| SUNMI004 | Sun Certified System Administrator | Sun Microsystems | 15-1081 | Network Systems and Data Communications Analysts | Yes | \$34.54 | \$21.46 | 1,409 | 5.07 |
| TAFLP001 | Certification for Legal Professionals [Accredited Legal Secretary (ALS)] | The Association for Legal Professionals (ALS) | 43-6012 | Legal Secretaries | Yes | \$19.68 | \$13.68 | 458 | 1.54 |
| TAFOM001 | Certified in Production and Inventory Management (CPIM) | The Association for Operations Management | 51-1011 | First-Line Superv. of Production and Operating Workers | Yes | \$26.93 | \$17.59 | 363 | 0.59 |
| TIOIA001 | Certified Internal Auditor (CIA) | The Institute of Internal Auditors | 13-2011 | Accountants and Auditors | | \$31.06 | \$18.93 | 3,296 | 2.42 |
| UPPC001 | Certified Professional Public Buyer (CPPB) | Universal Public Purchasing Certification Council | 13-1022 | Wholesale and Retail Buyers, Except Farm Products | | \$28.97 | \$17.64 | 181 | 0.88 |
| WLSGI001 | Teaching English to Speakers of Other Languages (TESOL) Certificate | World Learning SIT Graduate Institute | 25-3021 | Self-Enrichment Education Teachers | | \$18.34 | \$10.57 | 414 | 2.04 |